

Claims

1. Pharmaceutical composition for peroral administration comprising
  - (a) a cyclosporin or macrolide as active ingredient, and
  - (b) a polyethoxylated saturated hydroxy-fatty acid.
2. A composition as claimed in claim 1 containing additionally
  - (c) a C<sub>2</sub>-C<sub>3</sub>-alcohol having one or two hydroxy groups.
3. A composition as claimed in claim 1 ~~or claim 2~~ containing additionally
  - (d) mono-, di- and/or triesters of fatty acids.
4. A composition as claimed in claim ~~1, 2 or 3~~ containing additionally
  - (e) ricinoleic acid glyceride(s) together with smaller proportions of multiply unsaturated fatty acid glycerides or castor oil.
5. Composition as claimed in claim 1 wherein component (b) is present as sole surfactant.
6. Pharmaceutical composition according to claim 4 consisting solely of active ingredient (a), and components (b), (d) and (e).
7. Pharmaceutical composition according to ~~any preceding claim~~ <sup>claim 1</sup> in the form of a hard gelatin capsule preparation.
8. Pharmaceutical composition as claimed in ~~any of claims 1 to 6~~ <sup>claim 1</sup> in the form of a soft gelatin capsule preparation.
9. Pharmaceutical composition as claimed in claim 2, ~~3 or 4~~, characterised in that components (a), (b) and (c) are present in a weight ratio of 1 to 4 parts by weight (a) : 6 to 15 parts by weight (b) : 3 to 12 parts by weight (c).

10. Pharmaceutical composition according to claim 2, ~~3, 4 or 9~~, wherein the active ingredient is present in the form of cyclosporin A, ([3'-desoxy-3'-oxo-MeBmt]<sup>1</sup>-[Val]<sup>2</sup>-Ciclosporin), rapamycin, 40-0-(2-hydroxy)ethyl rapamycin, 32-deoxorapamycin, 16-pent-2-ynyloxy-32(S)-dihydrorapamycin, FK 506, 33-epi-chloro-33-desoxy-ascomycin, the compound disclosed under Example 6d and Example 71 in EP 569 337, or the compound disclosed under Example 8 in EP 626 385; component (b) in the form of polyethylene glycol-660-12-hydroxy-stearate, and component (c) in the form of ethanol or 1,2-propylene glycol.
11. Pharmaceutical composition according to claim 10, characterised in that components (a) : (b) : (c) are present in a capsule in a weight ratio of 5 : 65 : 28.
12. Use of polyethylene glycol-660-12-hydroxy-stearate and ethanol, or 1,2-propylene glycol, in the production of medicinal preparations containing one or more cyclosporins or macrolides as active ingredient for peroral administration.
13. Pharmaceutical composition as claimed in ~~any one of claims 1 to 11~~ *claim 1* in the form of optionally coated or glazed tablets as a unit dosage form.
14. Use according to claim 12, characterised in that the pharmaceutical composition is produced in unit dosage form as tablets, or soft- or hard gelatin capsules.
15. Use of carrier substances and excipients according to ~~any preceding claim~~ *claim 12* for the production of a medicinal preparation containing a cyclosporin or a macrolide, for immuno-suppressive, anti-inflammatory or anti-parasitic treatment in human and veterinary medicine.

16. Use as claimed in claim 15 for treatment of organ or tissue transplant rejection.
17. Composition as claimed in ~~any one of claims 1 to 11 or claim 13~~ <sup>claim 1</sup> wherein the polyethoxylated saturated hydroxy fatty acid is obtainable by reacting a saturated hydroxy fatty acid with ethylene oxide.
18. Composition as claimed in ~~any one of claims 1 to 11 or claim 13~~ <sup>claim 1</sup> wherein the polyethoxylated saturated hydroxy fatty acid is obtainable by reacting a saturated hydroxy fatty acid with polyethylene glycol.
19. Pharmaceutical composition for peroral administration comprising
- (a) a cyclosporin, e.g. cyclosporin A, as active ingredient, and
  - (b) a polyethoxylated saturated hydroxy-fatty acid, and optionally
  - (c) a C<sub>2</sub>-C<sub>3</sub>-alcohol having one or two hydroxy groups, and optionally
  - (d) mono-, di- and/or triesters of fatty acids, and optionally
  - (e) ricinoleic acid glyceride(s) together with smaller proportions of multiply unsaturated fatty acid glycerides or castor oil.
20. Compositions substantially as ~~hereinbefore~~ <sup>claim 1</sup> described with reference to the Examples.